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UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
MARKET NEWS SECTION - COTTON DIVISION  
4841 SUMMER AVENUE, MEMPHIS, TENNESSEE 38122

DEC 28 '77

COTTON GIN EQUIPMENT  
JULY 1975

There were 3,200 active gin batteries in the United States in July 1975, according to the Department of Agriculture, Agricultural Marketing Service. This compares with 3,400 active gin batteries a year earlier and 3,600 two years ago.

All but four gin batteries were equipped with seed cotton driers and all but ten had lint cleaners. Most of the batteries had two or more stages of seed cotton drying and lint cleaning. Over one-half of the gin batteries were equipped with automatic bulk feed controls, bur extractors and stick and green leaf machines.

By July 1975, nearly 1,500 gins had modified their flat gin presses to produce a bale that could be pressed to universal density and size. Over a hundred gins had universal density presses.

A total of 253 batteries were equipped with mechanical samplers. Nearly three-fourths of the samplers were on gins located in Texas, Arizona and California.

Approximately 85 percent of the active gin batteries were using electricity as the source of power for gin stands. The remaining 15 percent were powered by either diesel fuel, bottled gas or natural gas.

July 22, 1975

Cotton gin batteries with specified kinds of equipment, by states and United States, July 1975

States and United States	Total gin batteries 1/	Number of gin batteries having:												Stick & green leaf machine	Bur extractor	Overflow by-pass	Mechani- cal sampler
		Automatic bulk feed control	Seed cotton driers	Stages of drying			Lint cleaners	Stages of lint cleaning									
				No.	No.	No.		1	2	3	4 or more	No.	No.				
N. Carolina	75	27	74	38	32	4	74	30	33	11	-	40	36	48	-		
S. Carolina	118	46	118	53	64	1	115	26	62	26	1	34	79	27	1		
Georgia	135	59	135	40	88	7	134	24	91	19	-	56	104	80	10		
Florida	4	2	4	1	3	-	4	-	3	1	-	-	3	3	1		
Alabama	187	89	186	58	126	2	186	15	112	55	4	52	136	98	12		
Mississippi	430	277	429	78	341	10	430	60	296	73	1	84	258	365	12		
Tennessee	173	89	172	30	117	25	173	10	102	58	3	75	92	131	3		
Missouri	102	81	102	9	90	3	102	5	53	42	2	30	60	87	3		
Arkansas	369	189	369	65	287	17	369	64	236	63	6	190	175	282	11		
Louisiana	131	91	131	8	115	8	131	5	90	34	2	56	95	100	17		
Oklahoma	103	49	103	44	55	4	103	40	63	-	-	102	65	84	-		
Texas	984	493	984	257	643	84	980	211	669	95	5	870	710	775	58		
New Mexico	51	29	51	18	31	2	51	5	32	12	2	24	34	39	-		
Arizona	122	106	122	27	80	15	122	11	73	34	4	78	67	100	18		
California 3/	258	251	258	5	185	68	258	1	156	91	10	111	119	236	107		
United States	3,242	1,878	3,238	731	2,257	250	3,232	507	2,071	614	40	1,802	2,033	2,455	253		



Cotton gin batteries with specified kinds of equipment, by states and United States, July 1975 -- Continued

States and United States	Total gin batteries 1/	Number of batteries having:					Number of batteries having the following sources of power for gin stands					
		Flat gin presses	Modified flat gin presses 2/	Universal density presses	Standard density presses	High density presses	Electricity	Diesel fuel	Bottled gas	Natural gas	Other	
												No.
N. Carolina	75	75	-	-	-	-	73	2	-	-	-	-
S. Carolina	118	117	-	1	-	-	118	-	-	-	-	-
Georgia	135	132	-	3	-	-	128	7	-	-	-	-
Florida	4	4	-	-	-	-	4	-	-	-	-	-
Alabama	187	185	-	-	2	-	171	16	-	-	-	-
Mississippi	430	161	235	25	9	-	356	35	17	22	-	-
Tennessee	173	117	49	3	4	-	154	18	1	-	-	-
Missouri	102	29	68	3	2	-	68	26	-	4	4	4
Arkansas	369	141	210	11	7	-	254	53	22	40	-	-
Louisiana	131	29	66	27	9	-	79	6	6	40	-	-
Oklahoma	103	32	69	2	-	-	74	2	5	22	-	-
Texas	984	247	699	22	16	-	854	31	33	73	-	-
New Mexico	51	4	45	-	2	-	50	-	-	1	-	-
Arizona	122	86	19	1	15	1	122	-	-	-	-	-
California 3/	258	170	4	11	63	11	257	-	-	1	-	-
United States	3,242	1,529	1,464	109	129	12	2,762	196	84	203	4	4

1/ Saw and roller gin batteries.

2/ A flat gin press box converted to form a bale 24 inches in width.

3/ Includes one battery in Nevada.

